

| SECTION 4  |  | HAZARDOUS WASTE TANK SYSTEMS             |
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| <b>1-Have P.E. assessments been done for all hazardous waste tank systems without secondary containment?</b>   | <input type="checkbox"/> YES<br><input type="checkbox"/> NO  | <b>COMMENTS:</b> _____<br>_____<br>_____ |
| Hazardous waste tank systems are required to have secondary containment and/or a professional engineering certification attesting to the tanks.  |  |  |
| <b>2-Is P.E. assessment report complete and available for review?</b>  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO  | <b>COMMENTS:</b> _____<br>_____<br>_____ |
| Tanks installed or modified after July 1, 1991 are required to have secondary containment and a professional engineering (P.E.) assessment every five years. Tanks installed before 1991 that don't have secondary containment are required to have an annual P.E. certification. Tanks installed before 1991 with proper secondary containment and leak detection per §66265.193 criteria are exempt from the P.E. certification requirement.   |  |  |
| <b>3-Do hazardous waste tank systems have secondary containment as required? Is secondary containment kept empty?</b>  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO<br><input type="checkbox"/> YES<br><input type="checkbox"/> NO | <b>COMMENTS:</b> _____<br>_____<br>_____ |
| <b>Releases to the secondary containment must be cleaned up within 24 hours.</b> If secondary containment is constantly holding hazardous wastes, you won't be able to use it as emergency containment if your tank fails. Ensure that releases to the secondary containment are cleaned up as soon as possible.   |  |  |
| <b>4-Are tank systems inspected daily? Are inspection reports available for review?</b>  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO  | <b>COMMENTS:</b> _____<br>_____<br>_____ |
| <b>Hazardous Waste tank systems must be inspected daily.</b> Records of inspection must be kept available for at least three years. Check tank systems for proper labeling, structural defects, leaks, or any other damage that may result in a release to the environment.  |  |  |
| <b>5-Do hazardous waste tanks have adequate spill/overfill protection?</b>   | <input type="checkbox"/> YES<br><input type="checkbox"/> NO  | <b>COMMENTS:</b> _____<br>_____<br>_____ |
| There are several options for meeting this requirement, such as:<br>• A high-level alarm that can be seen or heard by the shop personnel; keep 2 feet of freeboard inside the open-top tank.<br>• A system that automatically shuts off substance flow into the tank; keep 2 feet of freeboard inside the open-top tank.   |  |  |
| <b>6-Do hazardous waste tanks have proper corrosion protection?</b>  | <input type="checkbox"/> YES<br><input type="checkbox"/> NO  | <b>COMMENTS:</b> _____<br>_____<br>_____ |
| Corrosion protection prevents deterioration of metal tank systems. The tank can be: <ul style="list-style-type: none"> <li>▪ elevated with the underside in contact only with tank supports;</li> <li>▪ placed on a concrete pad designed to prevent water accumulation under the tank</li> <li>▪ cathodically protected and internally lined according specified standards</li> <li>▪ double-walled</li> <li>▪ made of non-corrodible materials, such as high strength plastics.</li> </ul> |  |  |